

1 January – 29 February 2008

*Provisional data*

# Monthly infectious disease summary report February 2008



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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# South Dakota infectious disease summary

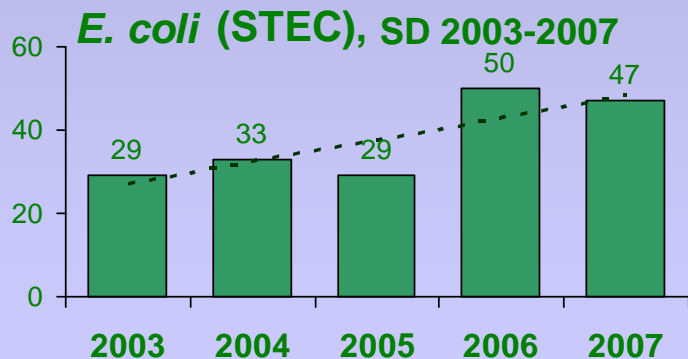
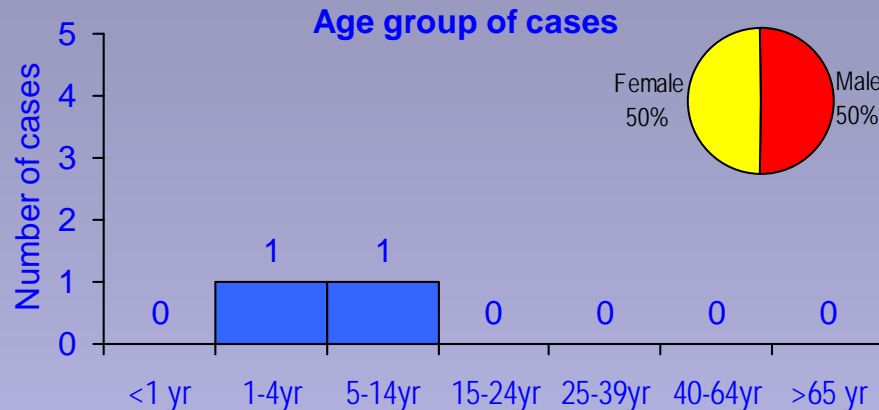
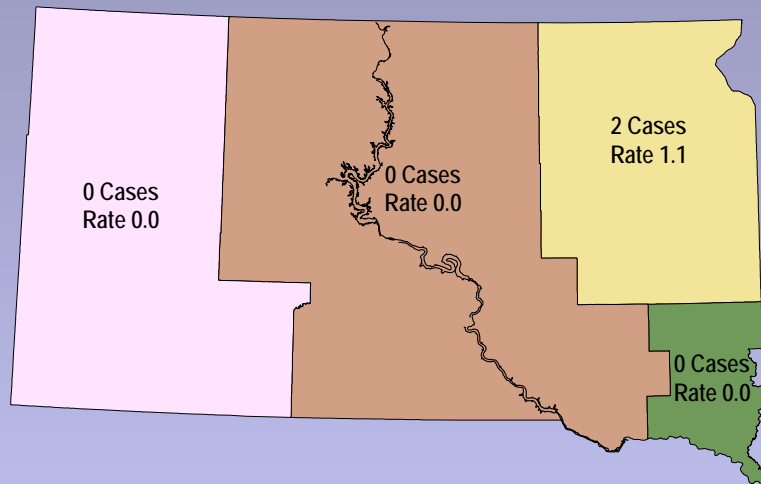
<b>Diseases/Agent</b>	<b>Cases</b> year-to-date	<b>Rate</b> (cases per 100,000 population)	<b>5-yr median</b> cases	<b>Percent</b> <b>change</b>
Campylobacter	18	2.3	12	+50%
Chlamydia	475	60.7	417	+14%
Cryptosporidiosis	5	0.6	4	+25%
E. coli, shiga toxin-producing	2	0.3	1	+100%
Giardiasis	5	0.6	8	-38%
Gonorrhea	40	5.1	46	-13%
Hepatitis A	1	0.1	1	0%
HIV / AIDS	8	1.0	3	+167%
Meningococcal, invasive	1	0.1	0	Na
MRSA	12	1.5	9	+33%
Pertussis	1	0.1	1	0%
Rabies, animal	3	NA	7	-57%
Salmonella	11	1.4	18	-39%
Shigellosis	25	3.2	8	+213%
Strep A, invasive	3	0.4	2	+50%
Strep B, invasive	1	0.1	2	-50%
Syphilis, early	0	0.1	0	na
Tuberculosis	2	0.3	3	-33%

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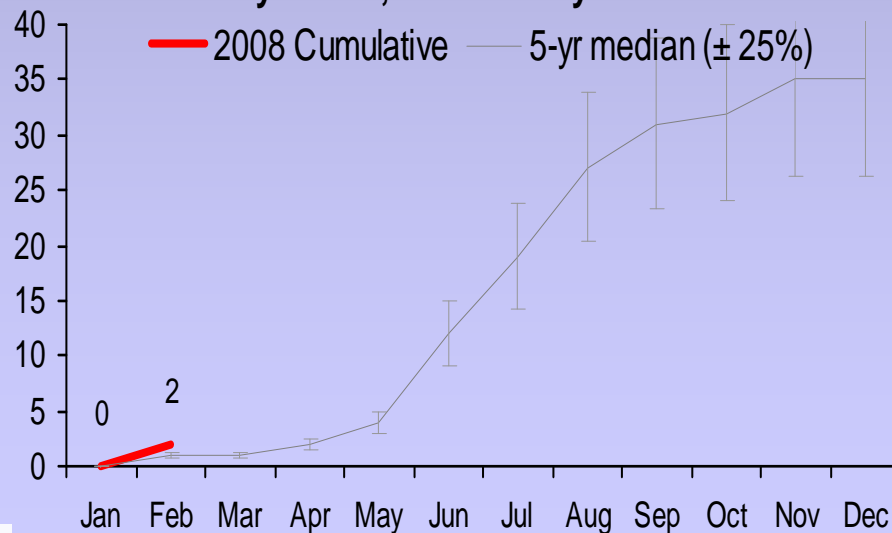
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# *E. coli*, shiga toxin-producing, South Dakota

*E. coli*, Shiga toxin-producing  
South Dakota 2 Cases (Rate 0.3 cases per 100,000 population)



Cases by month, 2008 and 5-year median



*E. coli* fact sheet: <http://doh.sd.gov/diseasefacts>

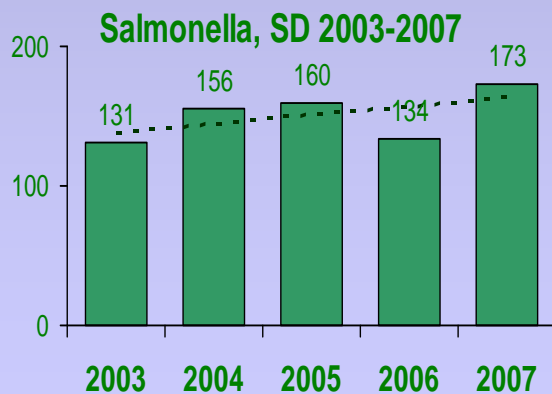
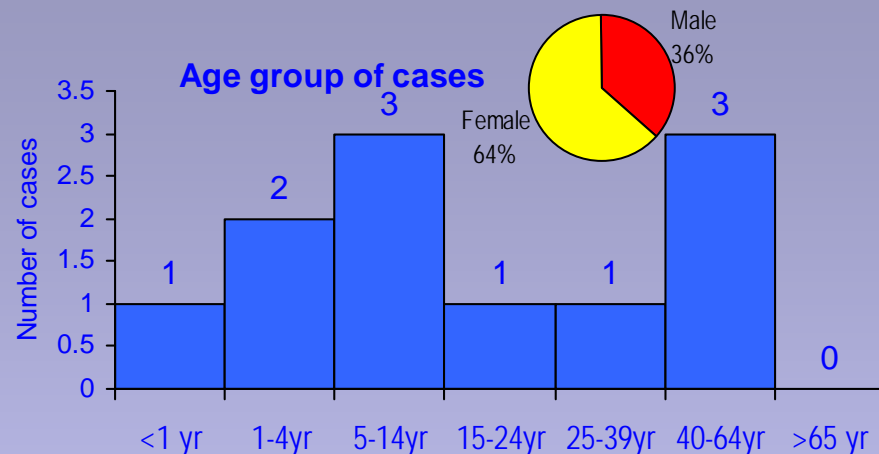
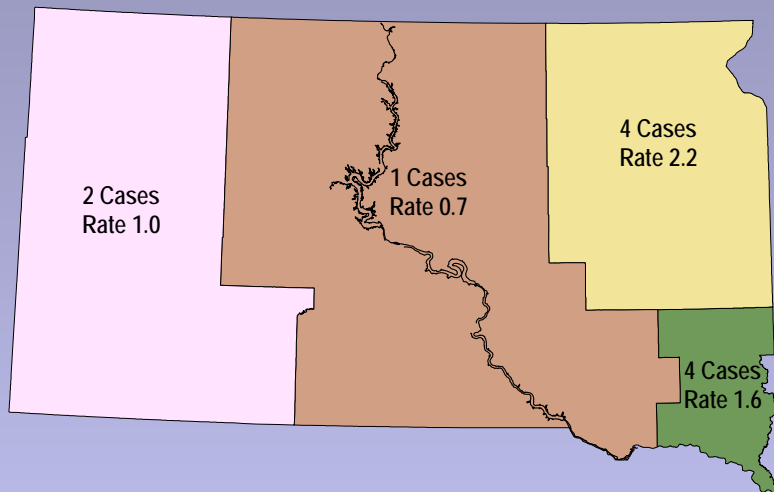
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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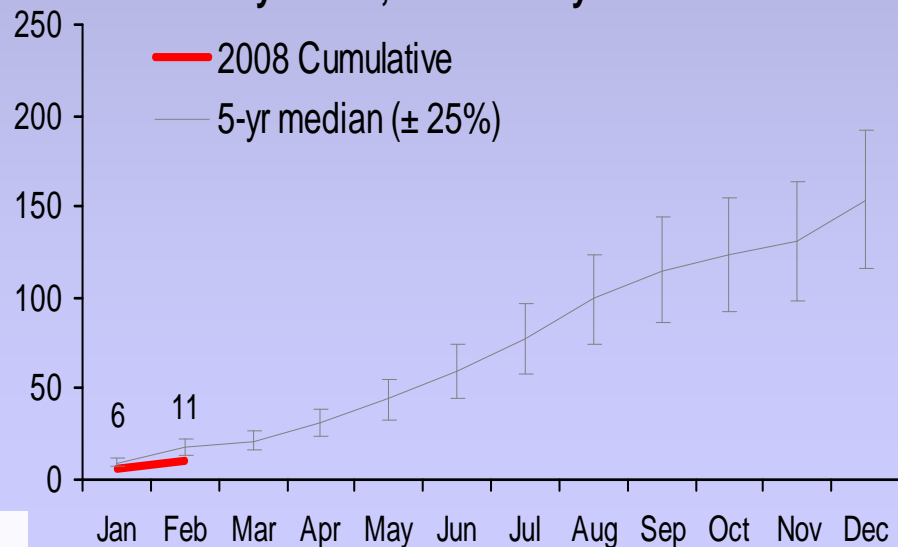
# Salmonellosis, South Dakota

**Salmonella**  
South Dakota 11 Cases (Rate 1.4 cases per 100,000 population)



Serotype (number)  
S. Enteritidis 3  
All other serotypes <3

**Cases by month, 2008 and 5-year median**



Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

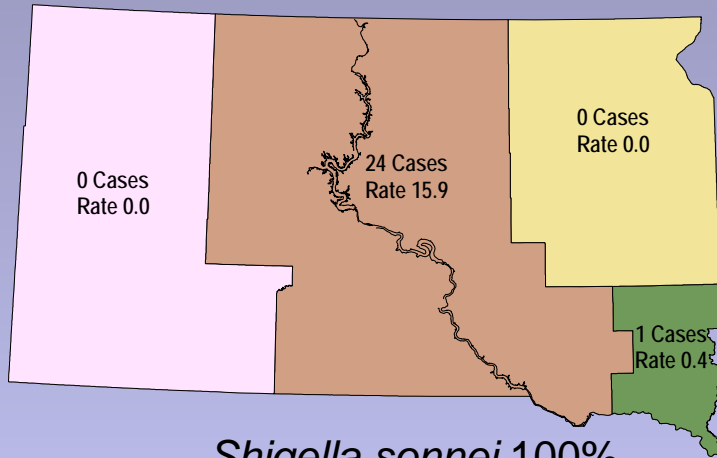
South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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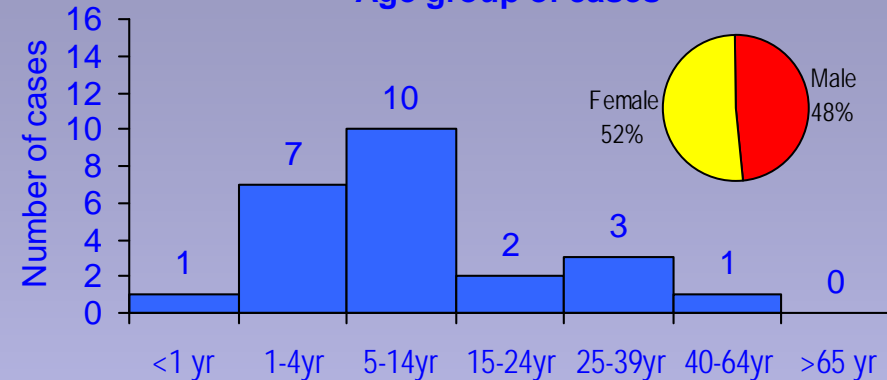
# Shigellosis, South Dakota

**Shigellosis**  
South Dakota 25 Cases (Rate 3.2 cases per 100,000 population)

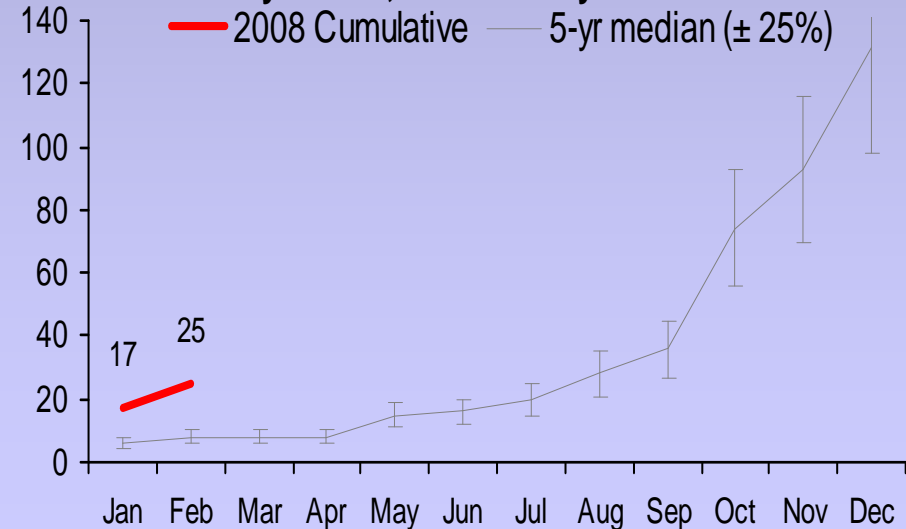


*Shigella sonnei* 100%

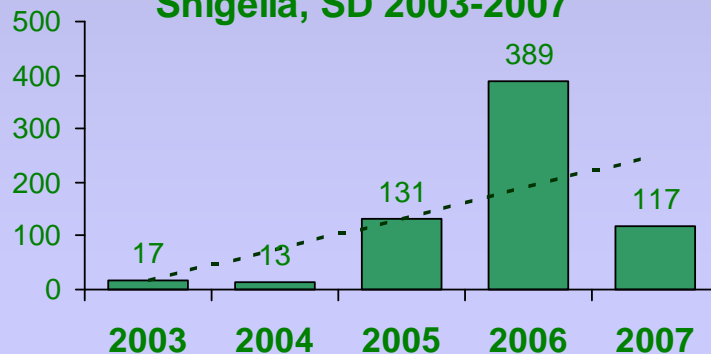
**Age group of cases**



**Cases by month, 2008 and 5-year median**



**Shigella, SD 2003-2007**



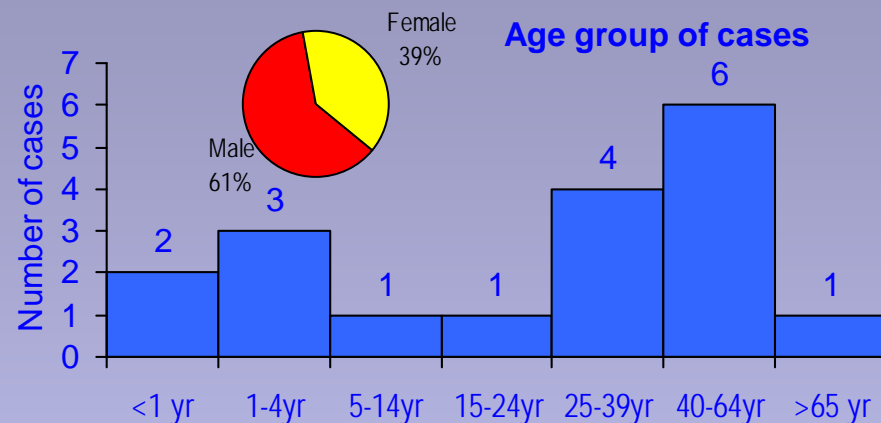
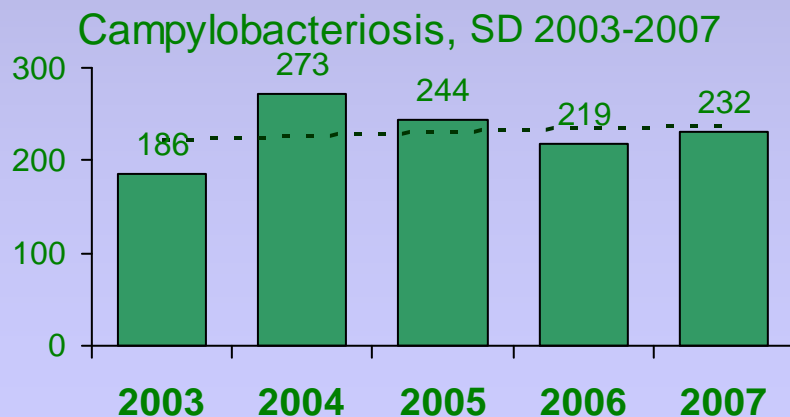
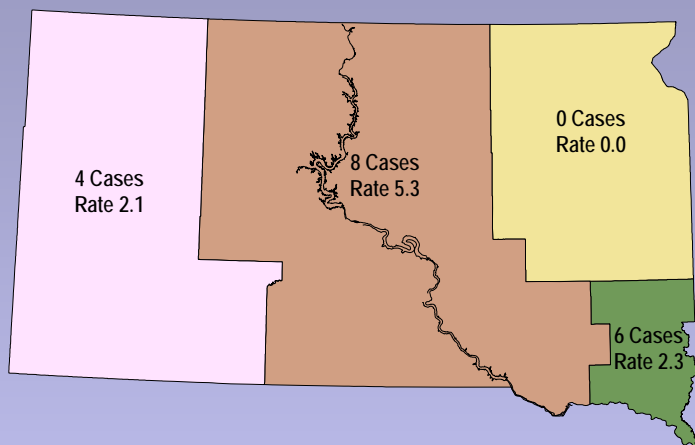
Shigella fact sheet: <http://doh.sd.gov/diseasefacts>

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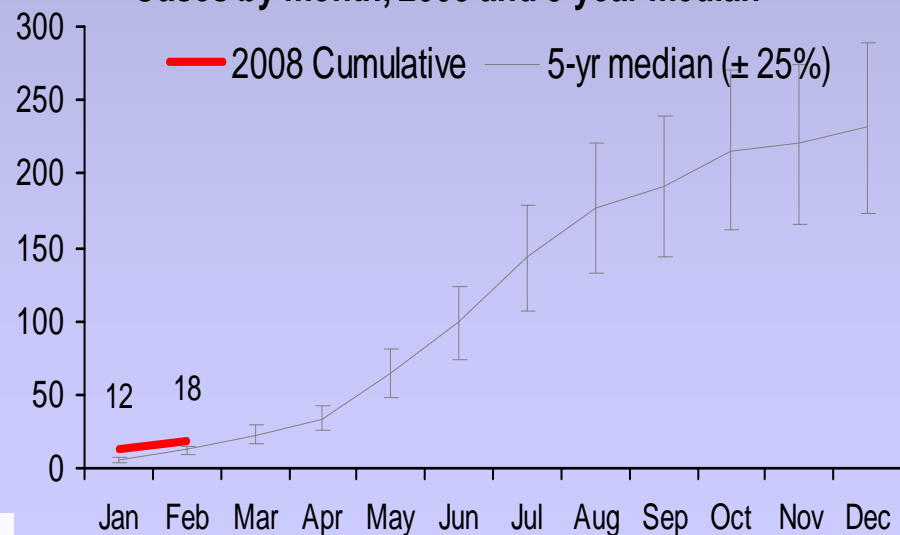
*Provisional data*

# Campylobacteriosis, South Dakota

**Campylobacter**  
South Dakota 18 Cases (Rate 2.3 cases per 100,000 population)



**Cases by month, 2008 and 5-year median**



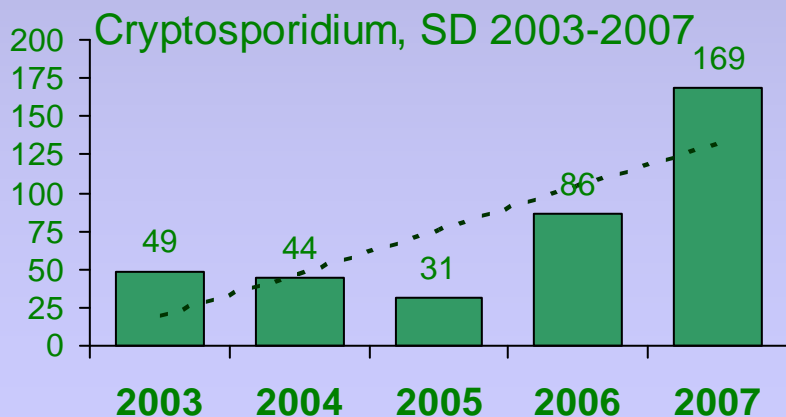
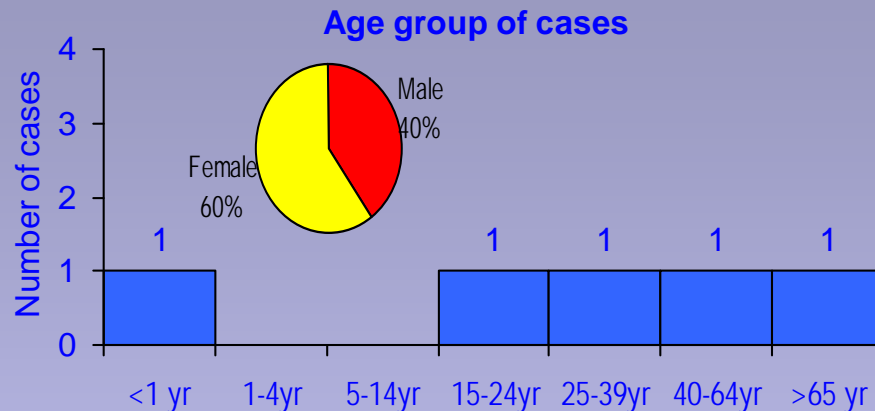
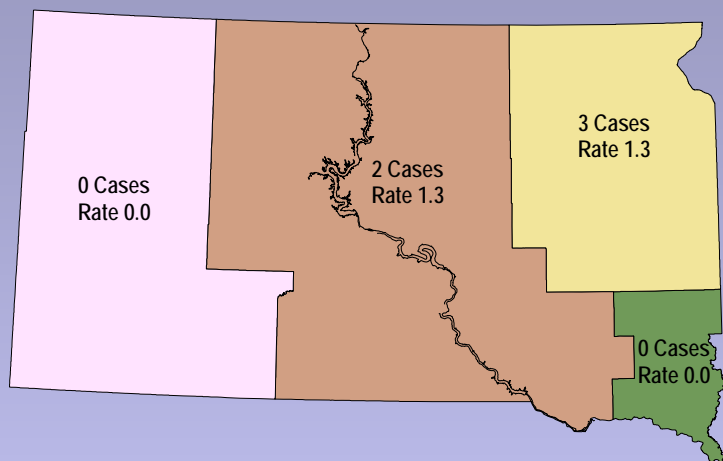
Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

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# Cryptosporidiosis, South Dakota

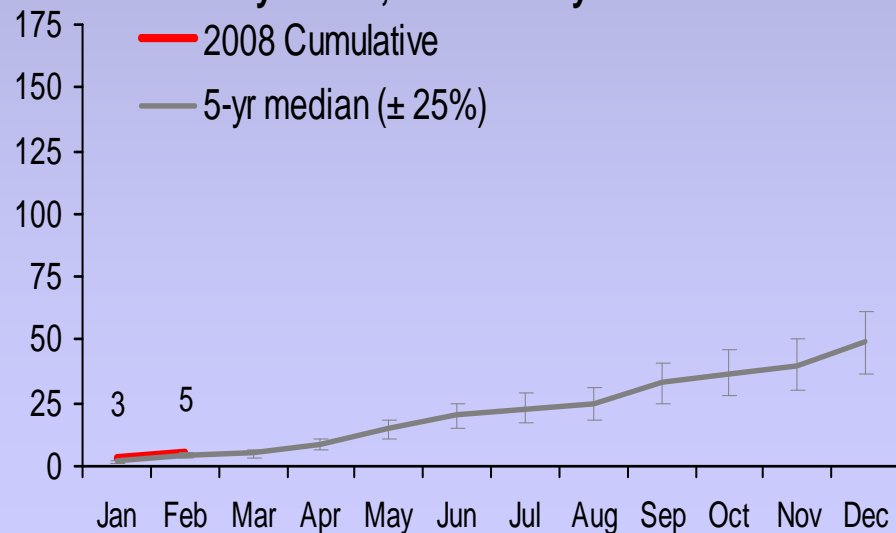
**Cryptosporidiosis**  
South Dakota 5 Cases (Rate 0.6 cases per 100,000 population)



Cryptosporidiosis fact sheet:

<http://doh.sd.gov/diseasefacts>

**Cases by month, 2008 and 5-year median**

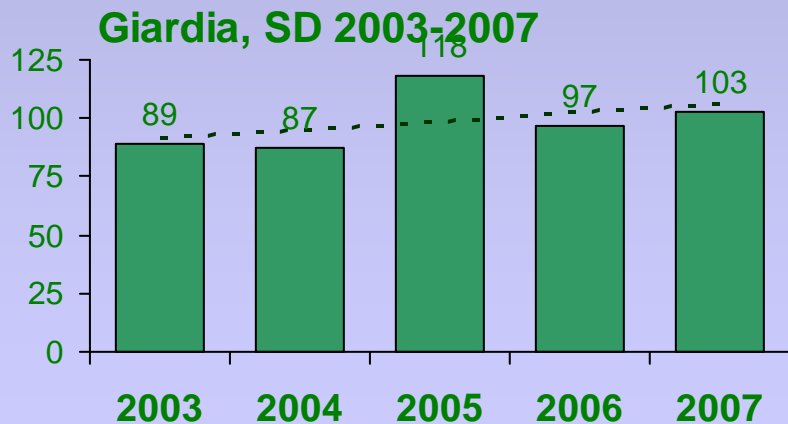
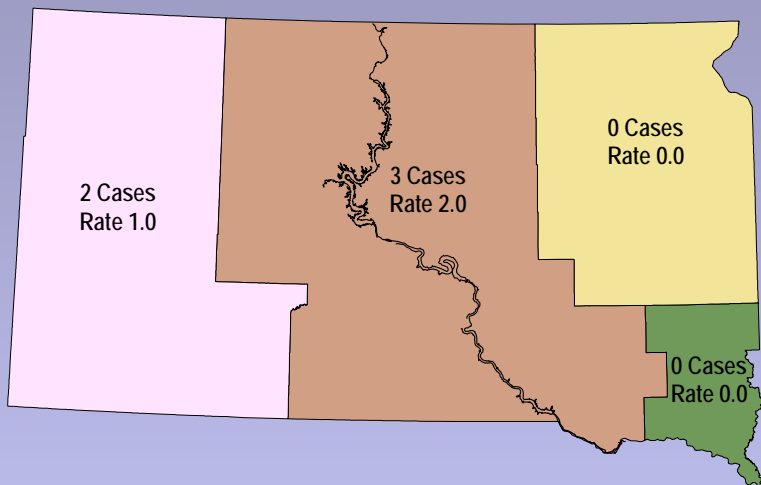


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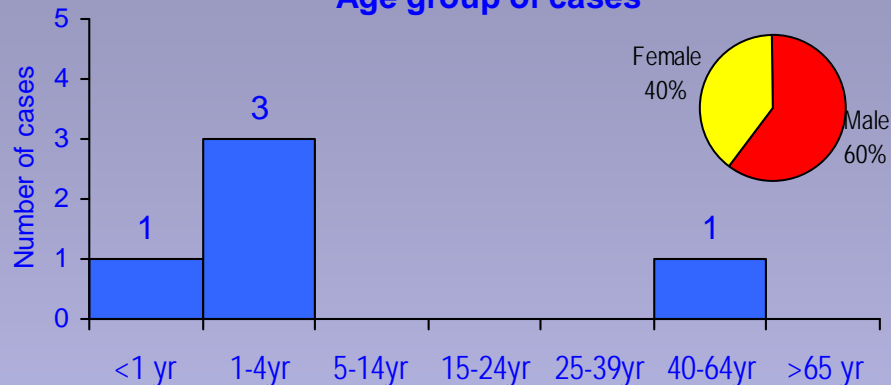
# Giardiasis, South Dakota

**Giardiasis**  
South Dakota 5 Cases (Rate 0.6 cases per 100,000 population)

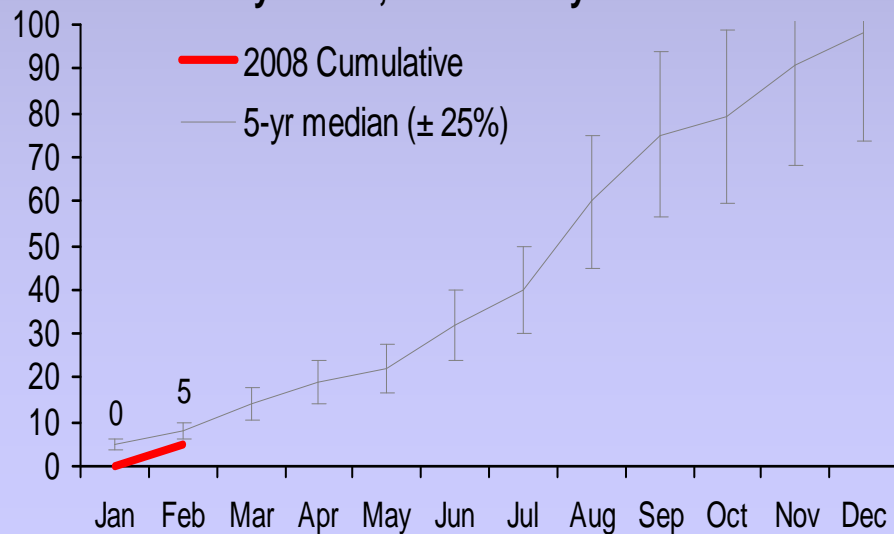


Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

**Age group of cases**



**Cases by month, 2008 and 5-year median**





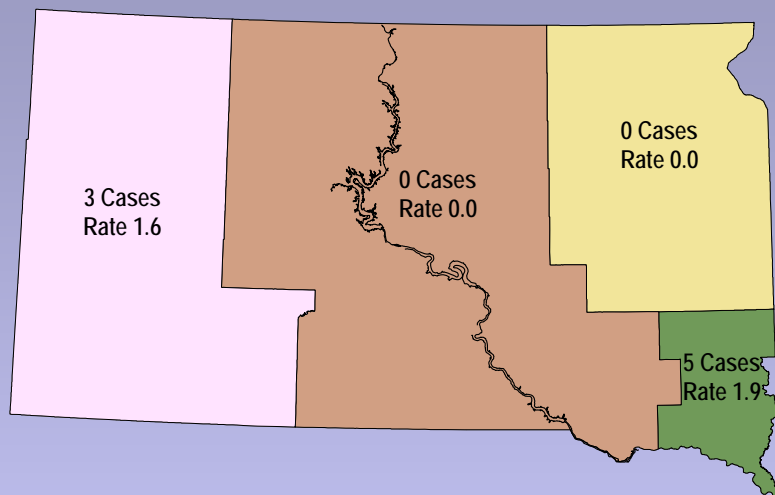
1 January – 29 February 2008

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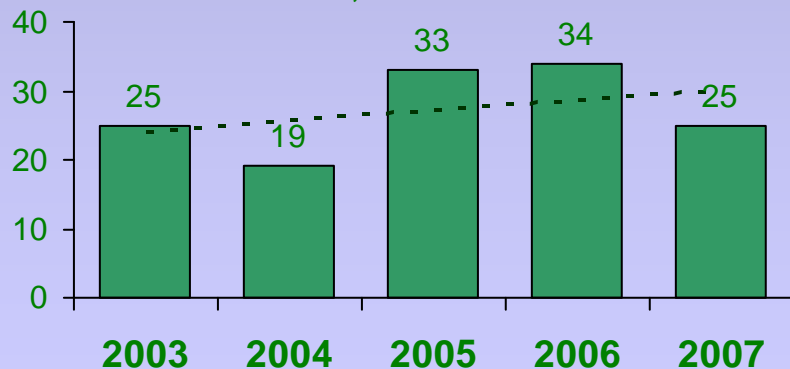
# HIV/AIDS, South Dakota

## HIV / AIDS

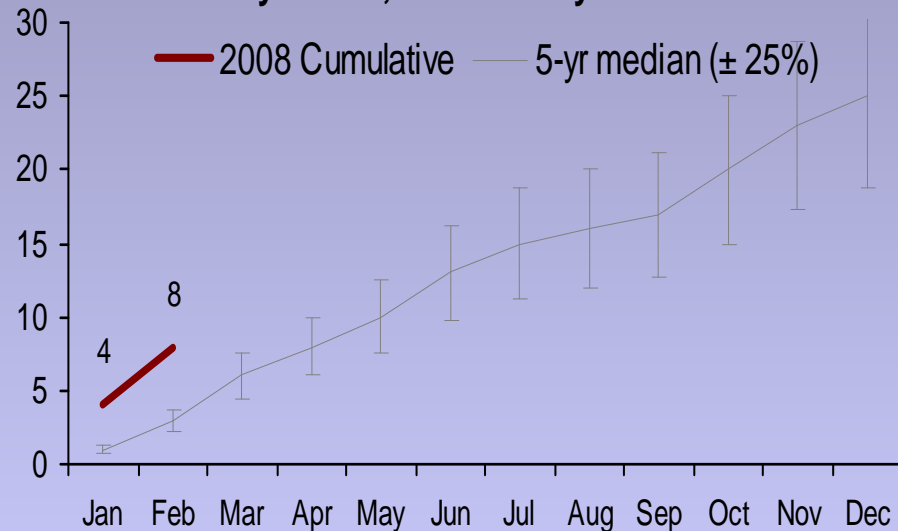
South Dakota 8 Cases (Rate 1.0 cases per 100,000 population)



## HIV/AIDS, SD 2003-2007



## Cases by month, 2008 and 5-year median



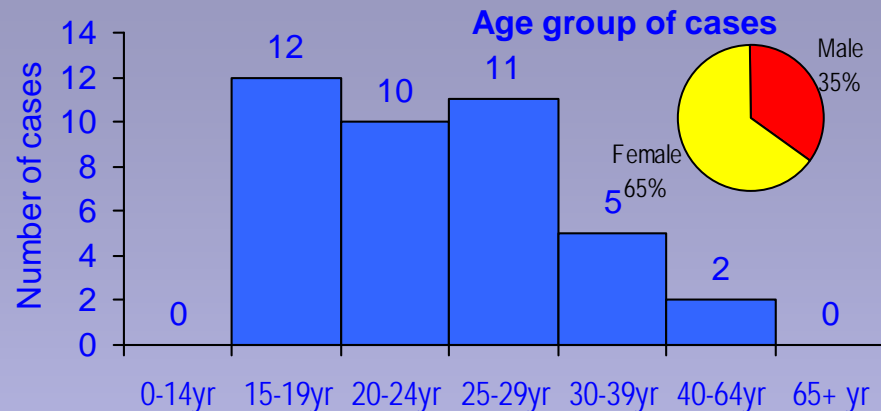
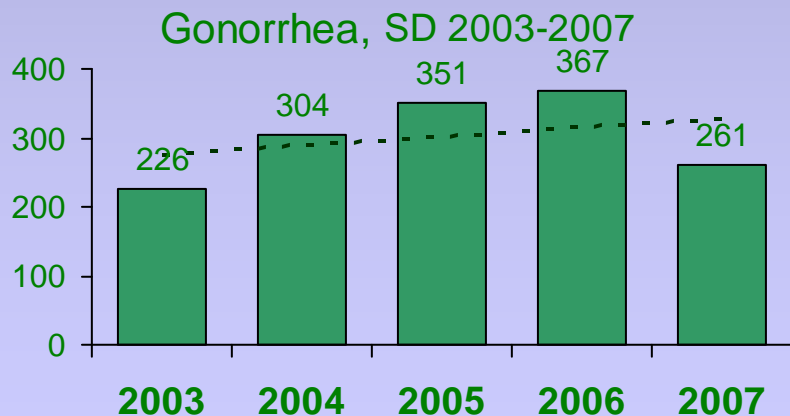
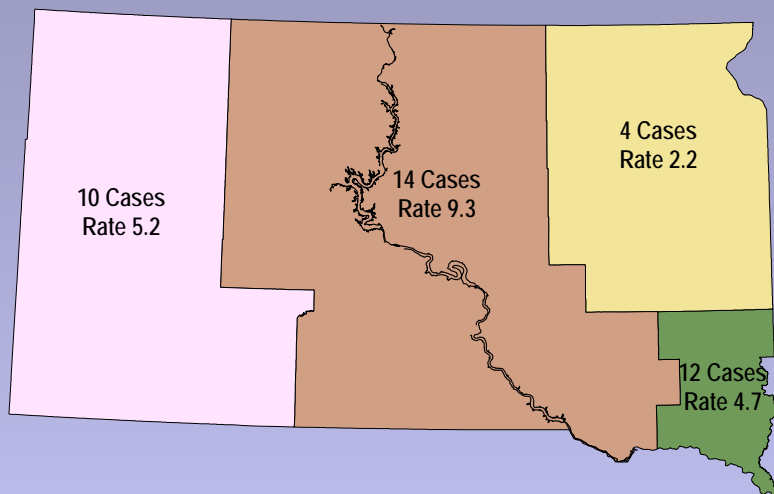
HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

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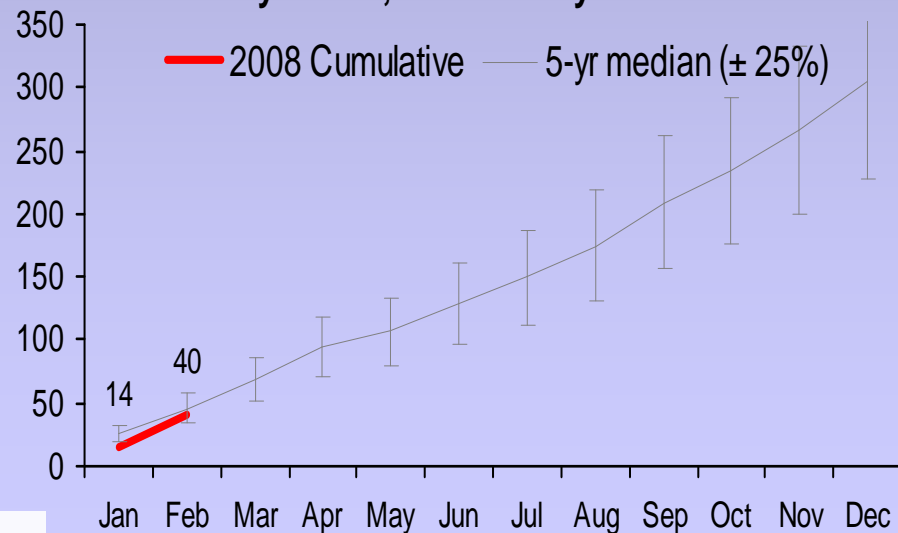
*Provisional data*

# Gonorrhea, South Dakota

**Gonorrhea**  
South Dakota 40 Cases (Rate 5.1 cases per 100,000 population)



**Cases by month, 2008 and 5-year median**



Gonorrhea fact sheet: <http://doh.sd.gov/diseasefacts>

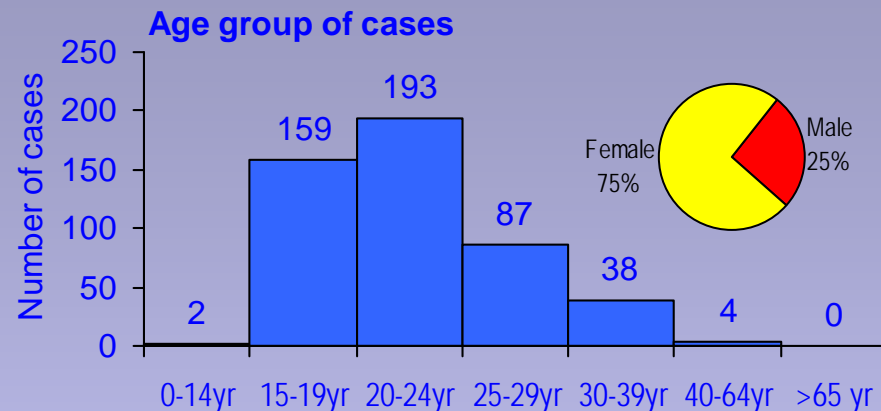
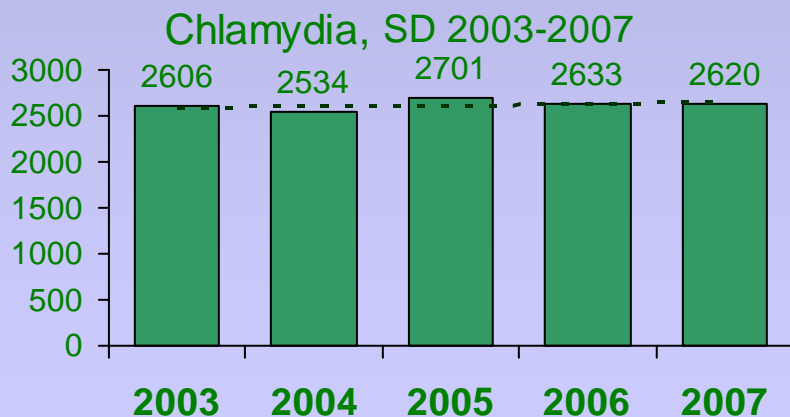
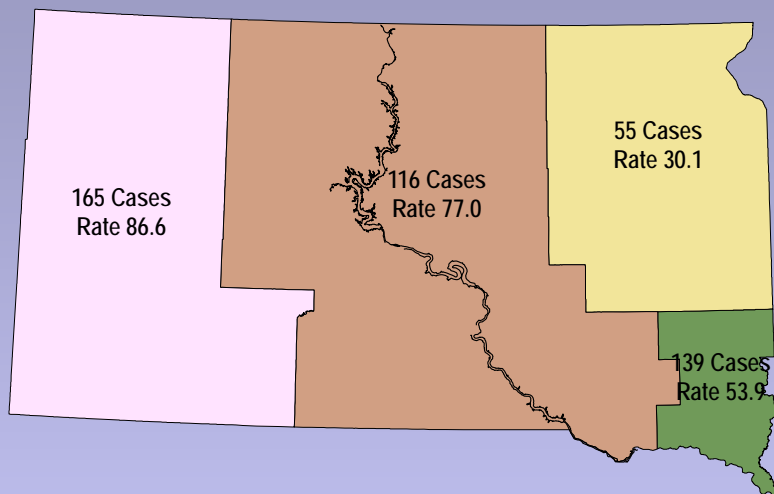
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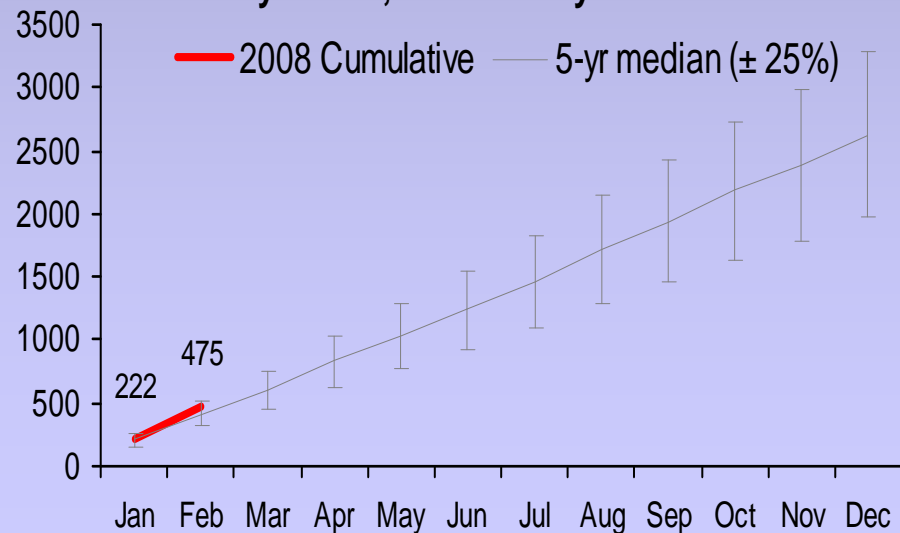
# Chlamydia, South Dakota

## Chlamydia

South Dakota 475 Cases (Rate 60.7 cases per 100,000 population)



## Cases by month, 2008 and 5-year median



Chlamydia fact sheet: <http://doh.sd.gov/diseasefacts>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

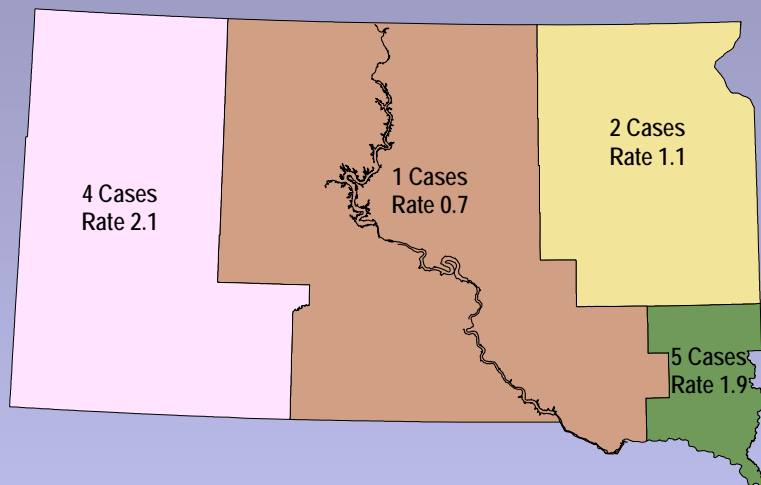
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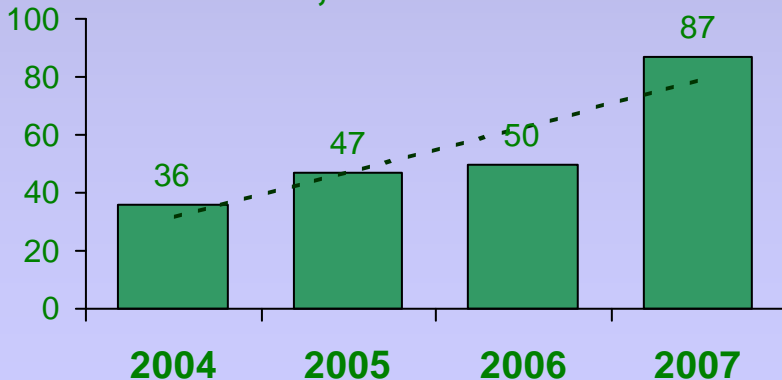
# Invasive MRSA, South Dakota

(Methicillin-Resistant *Staphylococcus aureus*)

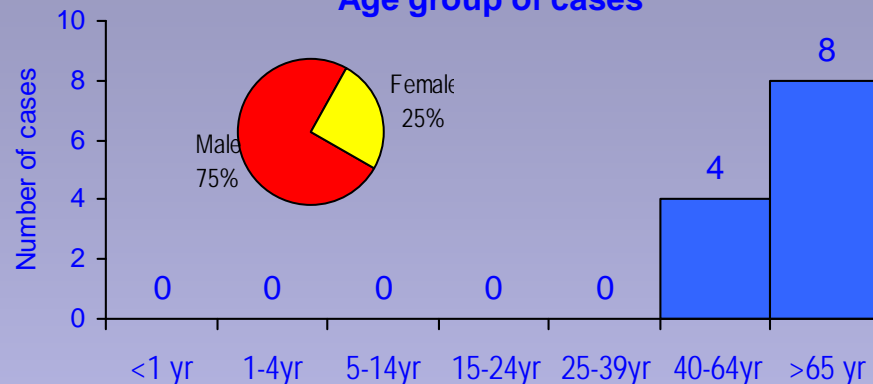
MRSA, Invasive  
South Dakota 12 Cases (Rate 1.5 cases per 100,000 population)



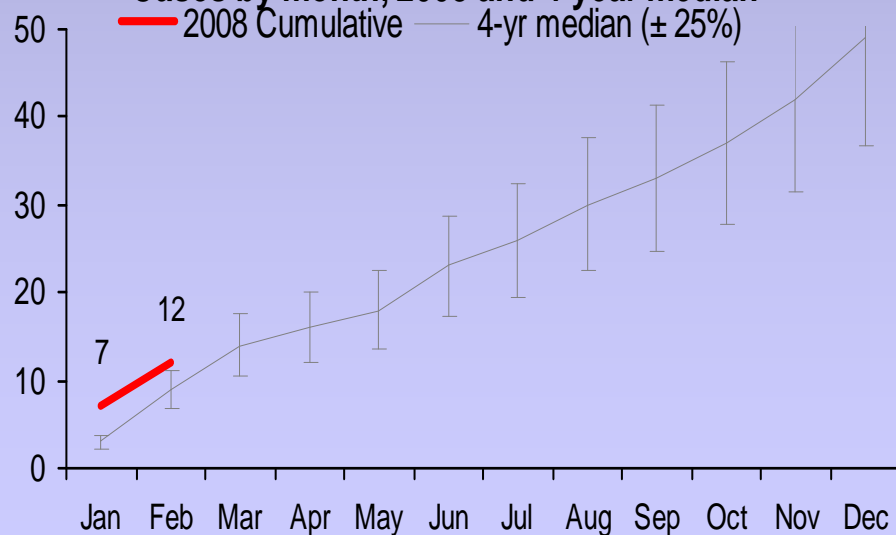
Invasive MRSA, SD 2004-2007



Age group of cases



Cases by month, 2008 and 4-year median

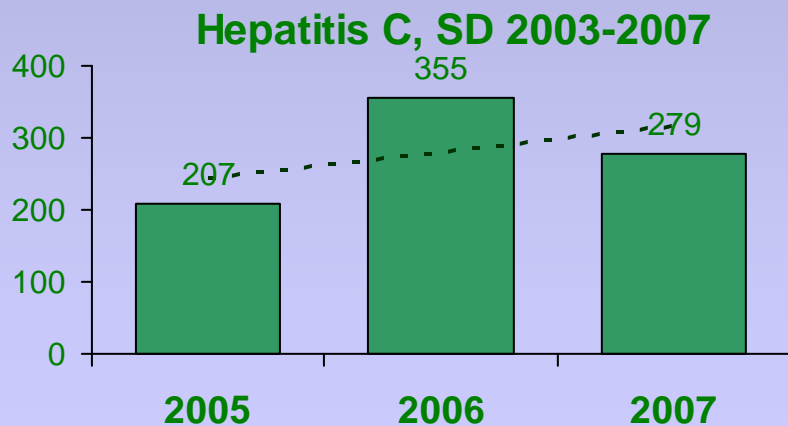
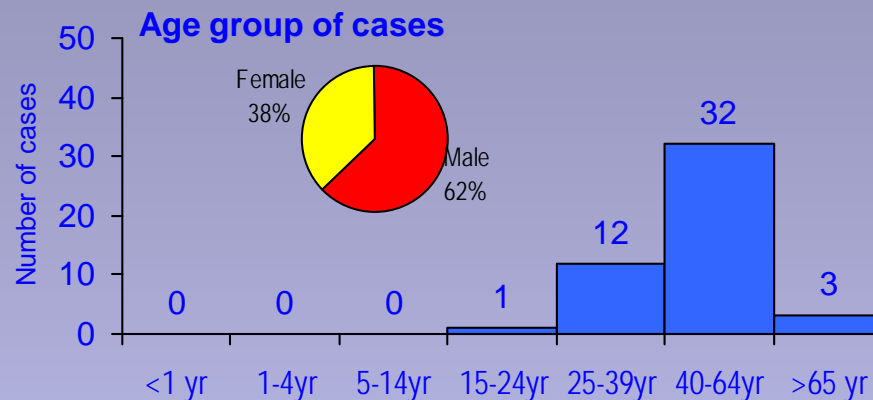
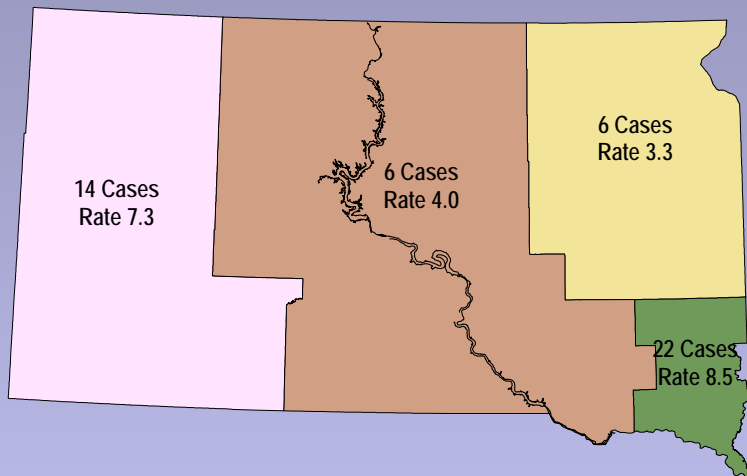


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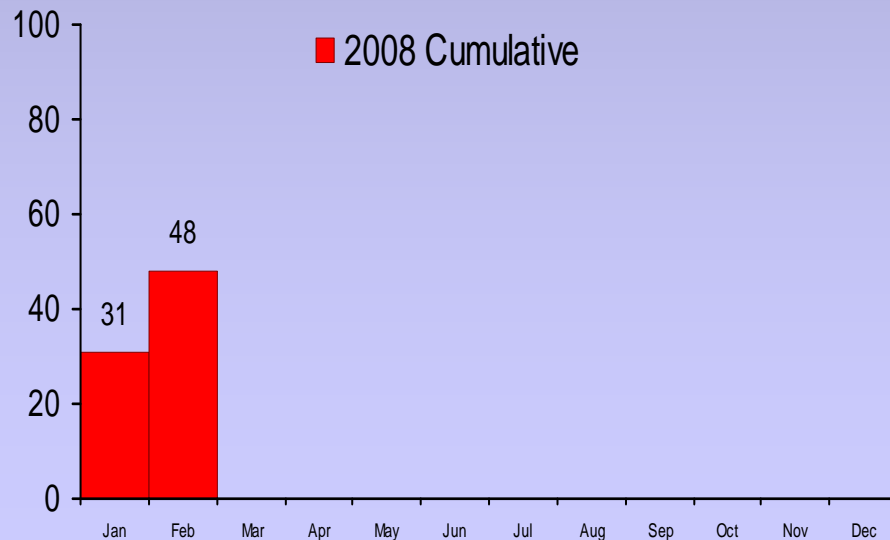
*Provisional data*

# Hepatitis C (chronic), South Dakota

**Hepatitis C**  
South Dakota 48 Cases (Rate 6.1 cases per 100,000 population)



**Cases by month, 2008**



Hepatitis C fact sheet:

<http://doh.sd.gov/diseasefacts/HepatitisC.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

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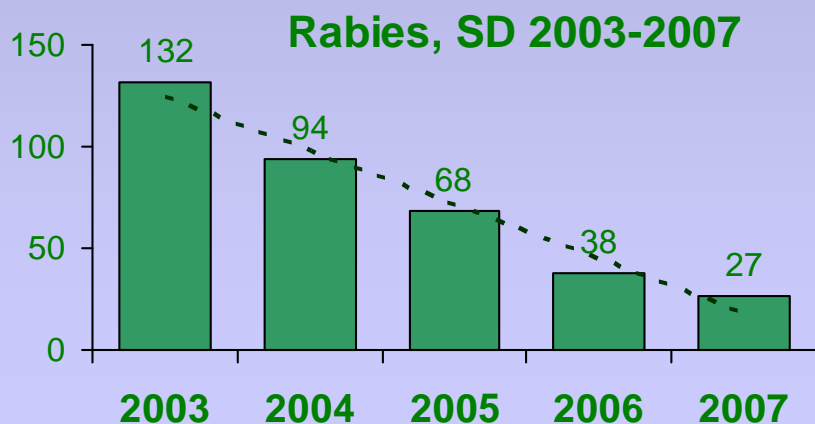
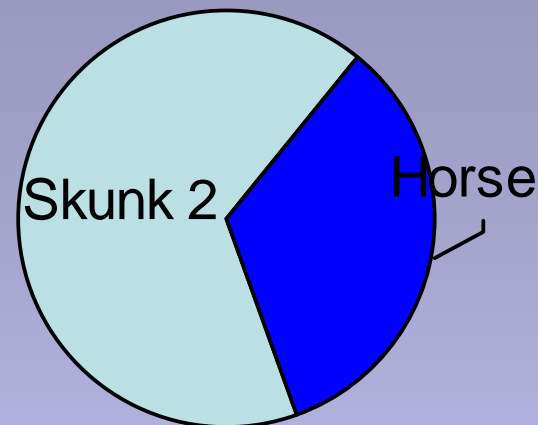
# Rabies, South Dakota

## County: rabid animals 3

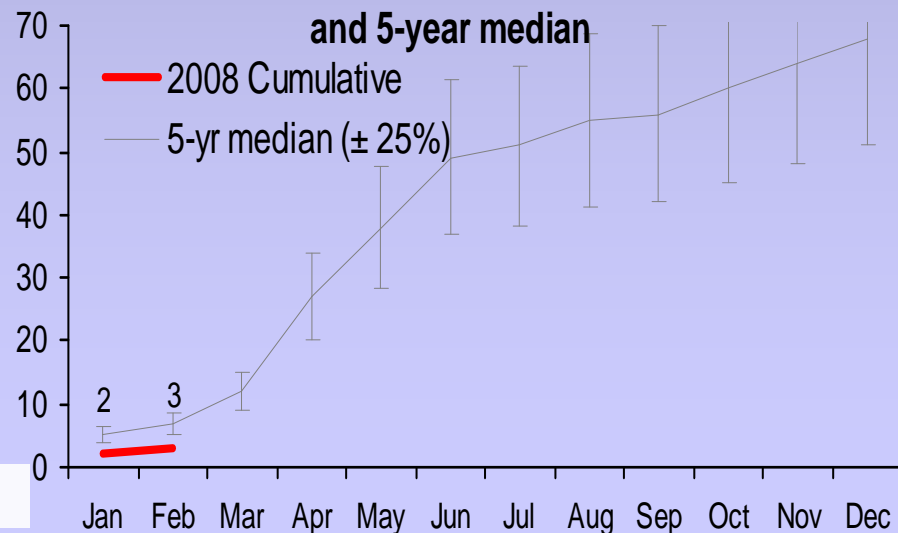
Clark: horse 1

Grant: skunk 1

Gregory: Skunk 1



Cases by month, 2008  
and 5-year median



Rabies fact sheet: [www.state.sd.us/doh/Pubs/rabies.htm](http://www.state.sd.us/doh/Pubs/rabies.htm)

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# Other diseases, South Dakota, Year-to-date 2008

Disease	Total Cases YTD	5-yr median cases	Central Region	Northeast Region	Southeast Region	West Region
Chicken pox	12	14	0	0	1	11
Hepatitis A	1	1	0	0	1	0
Hepatitis B, chronic	2		0	0	2	0
Legionnaires' disease	1	0	0	0	0	1
Meningococcal, invasive	1	0	0	0	1	0
Pertussis	1	1	0	0	1	0
Strep A, invasive	3	2	2	1	0	0
Strep B, invasive	1	2	1	0	0	0
Strep pneumo, <5 yrs of age	3	0	1	0	1	1
Tuberculosis	2	3	0	0	1	1

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# Reportable Diseases List:

[www.state.sd.us/doh/Disease/report.htm](http://www.state.sd.us/doh/Disease/report.htm)

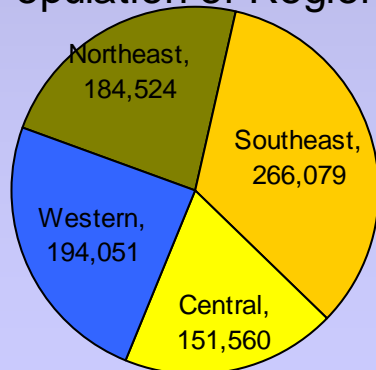


## To report infectious diseases

- Secure website: [www.state.sd.us/doh/diseasereport](http://www.state.sd.us/doh/diseasereport)
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked *"Confidential Disease Report"*

**Case definitions:** [www.cdc.gov/ncphi/diss/nndss/phs/infdis2008.htm](http://www.cdc.gov/ncphi/diss/nndss/phs/infdis2008.htm)

Population of Regions



South Dakota 2007 population est: 796,214

South Dakota Department of Health confidential disease reporting: 1-800-592-1804